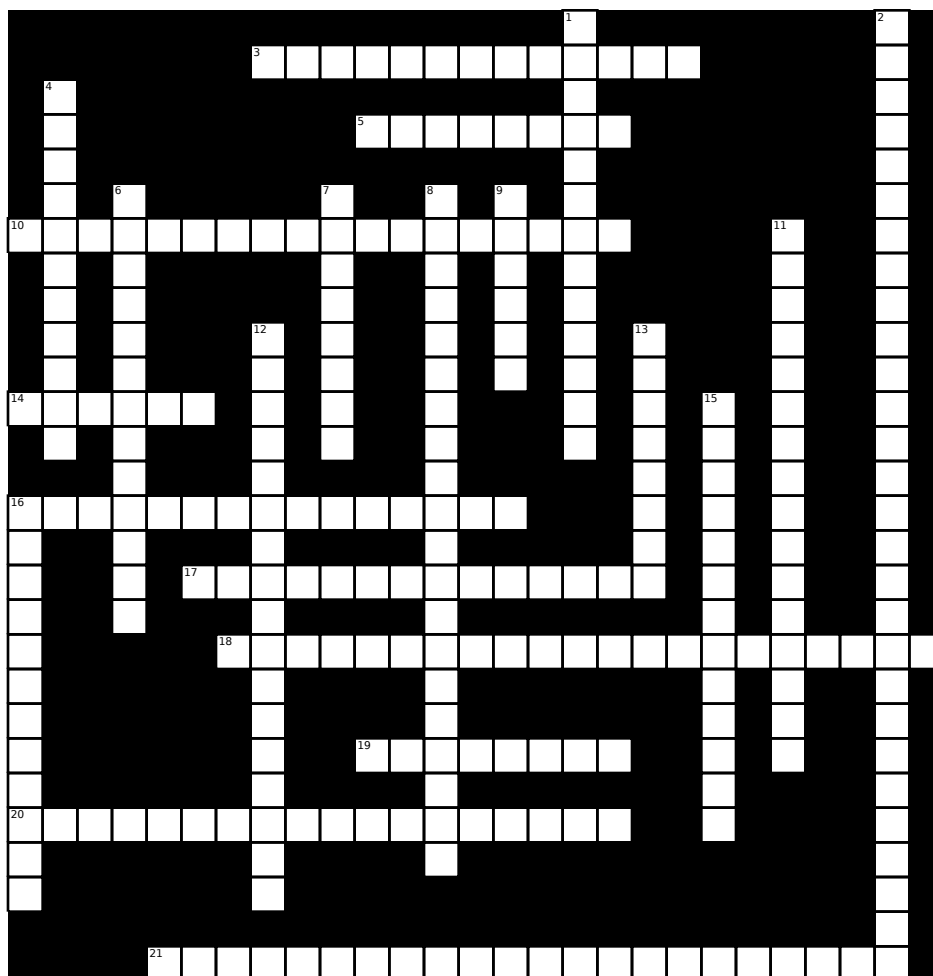


Standard 1

Brianna Goldman



Across

- 3 a triangle with a right angle. (2 Words)
- 5 the point of concurrency of the medians of a triangle
- 10 the point of intersection of concurrent lines. (3 Words)
- 14 A line segment whose endpoints are a vertex of a triangle and the midpoint of the side opposite the vertex.
- 16 all intersect at a single point. (2 Words)
- 17 a triangle with an obtuse angle. (2 Words)
- 18 a line, segment, or ray that passes through the midpoint of a side and is perpendicular to that side (2 Words)
- 19 a line segment from the vertex of a triangle to the line containing the opposite side and perpendicular to that side.
- 20 for all numbers A and B , if $A=B$ then $B=A$ (2 Words)
- 21 for all numbers $A, B, & C$ if $A=B$ then $A \times C = B \times C$ and if $c \neq 0$ then $a/c = a/b$ (2 Words)

Down

- 1 in an indirect proof, one assumes that the statement to be proved is false. One then uses logical reasoning to deduce that a statement contradicts a postulate, theorem, or one of the assumptions. Once a contradiction is obtained, one concludes that the statement assumed false must in fact be true. (2 Words)
- 2 for all numbers $A, B, & C$ if $A=B$ then $A+C=B+C$ and $A-C=B-C$ (2 Words)
- 4 the point of concurrency of the angle bisectors of a triangle.
- 6 A line or ray that divides an angle in half. (2 Words)
- 7 the point of concurrency of the angle bisectors of a triangle.
- 8 an indirect proof in which one assumes that the statement to be proved is false. One then uses logical reasoning to deduce a statement that contradicts a postulate, theorem, or one of the assumptions. Once a contradiction is obtained, one concludes that the statement assumed false must be in fact true. (3 Words)
- 9 A corner point of a geometric figure.
- 11 states that dividing both sides of an equation by a non-zero number doesn't affect the equation. (2 Words)
- 12 reasoning that assumes that the conclusion is false and then shows that this assumption leads to a contradiction of the hypothesis or some other accepted fact, like a postulate, theorem, or corollary. Then, since the assumption has been proved false, the conclusion must be true. (2 Words)
- 13 a plane figure with three straight sides and three angles
- 15 a triangle whose interior angles are all acute. (2 Words)
- 16 the point of concurrency of the perpendicular bisectors of a triangle.